

# Definitions of Monsoon Indices

## 1. Webster-Yang monsoon index (U850-U200 averaged over 0-20°N, 40°E-110°E)

Webster, P. J., and S. Yang, 1992: Monsoon and ENSO: Selectively interactive systems. *Quart. J. Roy. Meteor. Soc.*, **118**, 877-926.

## 2. Australian monsoon index (U850 averaged over 2.5°S-15°S, 110°E-150°E)

Hung, C.-W., and M. Yanai, 2004: Factors contributing to the onset of the Australian summer monsoon. *Quart. J. Roy. Meteor. Soc.*, **130**, 739-758.

## 3. South Asia monsoon index (V850-V200 averaged over 10°N -30°N, 70°E-110°E)

Goswami, B. N., B. Krishnamurthy, and H. Annamalai, 1999: A broad-scale circulation index for interannual variability of the Indian summer monsoon. *Quart. J. Roy. Meteorol. Soc.*, **125**, 611-633.

## 4. Dynamic Indian monsoon index (U850 (5°N -15°N, 40°E-80°E) – U850 (20°N -30°N, 70°E-90°E))

Wang, B., and Z. Fan, 1999: Choice of south Asian summer monsoon indices. *Bull. Amer. Meteor. Soc.*, **80**, 629-638.

## 5. East Asia - Western North Pacific monsoon index (U850 (5°N -15°N, 90°E-130°E) – U850 (20°N -30°N, 110°E-140°E))

Wang, B., Z. Wu, J. Li, J. Liu, C.-P. Chang, Y. Ding, and G. Wu, 2008: How to measure the strength of the East Asian summer monsoon. *J. Climate*, **21**, 4449-4463.